

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/723,522
Source: 1FWO
Date Processed by STIC: 10/27/04

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/723,522

DATE: 10/27/2004

TIME: 12:44:40

Input Set : A:\GIO-1.01.ST25.txt

Output Set: N:\CRF4\10272004\J723522.raw

```

3 <110> APPLICANT: Gene-IT
5 <120> TITLE OF INVENTION: Systems and Methods for Sequence Comparison
7 <130> FILE REFERENCE: GIO-00101
9 <140> CURRENT APPLICATION NUMBER: US 10/723,522
10 <141> CURRENT FILING DATE: 2003-11-26
12 <150> PRIOR APPLICATION NUMBER: US 60/429,965
13 <151> PRIOR FILING DATE: 2002-11-29
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 203
21 <212> TYPE: PRT
22 <213> ORGANISM: Bos taurus
24 <400> SEQUENCE: 1
26 Met Thr Pro Pro Gly Arg Ser Leu Pro Pro Ser Val Gln His Pro Pro
27 1 5 10 15
30 Leu Leu Leu Leu Gly Leu Leu Leu Pro Met Pro Leu Glu Ala Gln Gly
31 20 25 30
34 Leu Arg Gly Ile Gly Leu Thr Pro Ser Ala Ala Gln Pro Ala His Gln
35 35 40 45
38 Gln Leu Pro Thr Pro Phe Thr Arg Gly Thr Leu Lys Pro Ala Ala His
39 50 55 60
42 Leu Val Gly Asp Pro Ser Asn Pro Arg Thr Leu Thr Leu Arg Ala Asn
43 65 70 75 80
46 Thr Asp Arg Ala Phe Leu Pro Thr Ala Phe Ser Leu Ser Asn Asn Ser
47 85 90 95
50 Leu Leu Val Pro Thr Ser Gly Leu Tyr Phe Val Tyr Ser Gln Val Val
51 100 105 110
54 Phe Ser Gly Arg Gly Cys Phe Pro Arg Ala Thr Pro Thr Pro Leu Tyr
55 115 120 125
58 Leu Ala His Glu Val Gln Leu Phe Ser Pro Gln Tyr Pro Phe His Val
59 130 135 140
62 Pro Leu Leu Ser Ala Gln Lys Ser Val Cys Pro Gly Pro Gln Gly Arg
63 145 150 155 160
66 Trp Val Arg Ser Val Tyr Gln Gly Ala Val Phe Leu Leu Thr Arg Gly
67 165 170 175
70 Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu Ser
71 180 185 190
74 Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu
75 195 200
78 <210> SEQ ID NO: 2
79 <211> LENGTH: 204
80 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/723,522

TIME: 12:44:40

Input Set : A:\GIO-1.01.ST25.txt

Output Set: N:\CRF4\10272004\J723522.raw

81 <213> ORGANISM: Bos taurus

83 <400> SEQUENCE: 2

```

85 Met Thr Pro Pro Gly Arg Leu Tyr Leu Leu Arg Val Cys Ser Thr Pro
86 1          5          10          15
89 Pro Leu Leu Leu Gly Leu Leu Leu Ala Leu Pro Leu Glu Ala Gln
90          20          25          30
93 Gly Leu Arg Gly Ile Gly Leu Thr Pro Ser Ala Ala Gln Pro Ala His
94          35          40          45
97 Gln Gln Leu Pro Thr Pro Phe Thr Arg Gly Thr Leu Lys Pro Ala Ala
98          50          55          60
101 His Leu Val Gly Asp Pro Ser Thr Gln Asp Ser Leu Arg Trp Arg Ala
102 65          70          75          80
105 Asn Thr Asp Arg Ala Phe Leu Arg His Gly Phe Ser Leu Ser Asn Asn
106          85          90          95
109 Ser Leu Leu Val Pro Thr Ser Gly Leu Tyr Phe Val Tyr Ser Gln Val
110          100          105          110
113 Val Phe Ser Gly Arg Gly Cys Phe Pro Arg Ala Thr Pro Thr Pro Leu
114          115          120          125
117 Tyr Leu Ala His Glu Val Gln Leu Phe Ser Pro Gln Tyr Pro Phe His
118          130          135          140
121 Val Pro Leu Leu Ser Ala Gln Lys Ser Val Cys Pro Gly Pro Gln Gly
122 145          150          155          160
125 Pro Trp Val Arg Ser Val Tyr Gln Gly Ala Val Phe Leu Leu Thr Arg
126          165          170          175
129 Gly Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu
130          180          185          190
133 Ser Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu
134          195          200

```

VERIFICATION SUMMARY

DATE: 10/27/2004

PATENT APPLICATION: US/10/723,522

TIME: 12:44:41

Input Set : A:\GIO-1.01.ST25.txt

Output Set: N:\CRF4\10272004\J723522.raw